

## New Milton Men's Shed – Cold Frame Assembly Instructions

### Assembly of the Top Frame short side

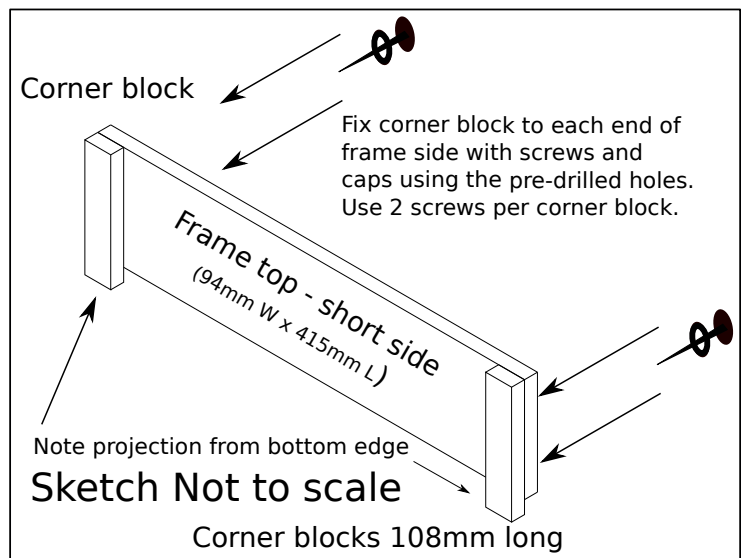
#### 1 This assembly requires :

- (a) 1 off Short side panel 420 mm L x 94 mm W x 15 mm thick.
- (b) 2 off Short corner Corner Block 108 mm L 44 mm W x 20mm thick.
- (c) 4 off Wood screws - 4 mm diameter x 35 mm L
- (d) 4 off screw cups.

#### 2 Screw 1 corner block to one end of the side panel.

(i) Locate the corner block by inserting the screws (with a screw cup) in the side panel pre-drilled holes and use the pointed end of the projecting screws to position the corner block using the small pilot holes in the corner block.

(ii) When correctly positioned one end of the corner block will be flush with one edge of the side panel. The other end will project 14mm (5/8"



approx) over the opposite panel edge. (See diagram above.)

#### 3 Screw in the screws. (A very small amount of lubricant, for example Vaseline or soap, will make the screwing in easier.)

**Tip** Before the final screw tightening ensure that one end of the corner block is flush with the side panel and that the long edge of the corner block is flush with the end of the side panel. See the diagram above.

Repeat the procedure for the second corner block making sure that the projecting end matches the first block fitted. (See diagram above.)

Repeat steps 2 and 3 for the second short side of the top frame.



Typical assembly of screw and screw cup. Make sure the screw cup is correct side up.



## New Milton Men's Shed – Cold Frame Assembly Instructions

### Assembly of the Bottom Frame short side

The Bottom Frame -short side assembly is similar to the assembly of the Top Frame - short side detailed above. There are 2 differences – the panel size is wider (144mm) and the corner blocks longer.

#### 1 This assembly requires :

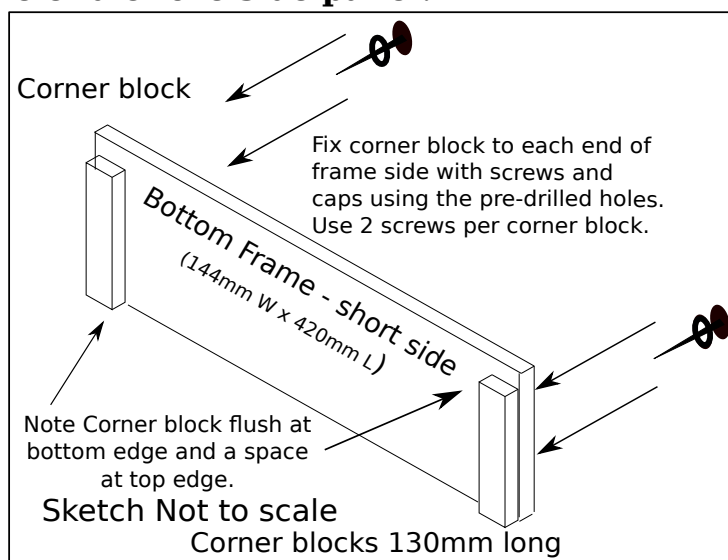
- (a) 1 off Short side panel 420 mm L x 144 mm W x 15 mm thick.
- (b) 2 off Short corner Corner Block 130 mm L 44 mm W x 20mm thick.
- (c) 4 off Wood screws – 4 mm diameter x 35 mm L
- (d) 4 off screw cups.

#### 2 Screw one corner block to one end of the side panel.

(i) Locate the corner block by inserting the screws (with a screw cup) in the side panel pre-drilled holes and use the pointed end of the projecting screws to position the corner block using the small pilot holes in the corner block.

(ii) When correctly positioned one end of the corner block will be flush with one edge of the side panel. The other end will be about 14mm (5/8"

approx) short of the opposite panel edge. (See diagram above.) [Cont next page.]



3 Screw in the screws. (A very small amount of lubricant, for example Vaseline or soap, will make the screwing in easier.)

**Tip** Before the final screw tightening ensure that one end of the corner block is flush with the side panel and that the long edge of the corner block is flush with the end of the side panel. See the diagram above.

Repeat the procedure for the second corner block making sure that both corner blocks are flush with the same edge.

Repeat steps 2 and 3 for the second short side of the bottom frame.

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Having assembled the Top and Bottom short sides of the cold frame the next step is to fix the two long side to the short sides.

### 1 **Top Frame requires :**

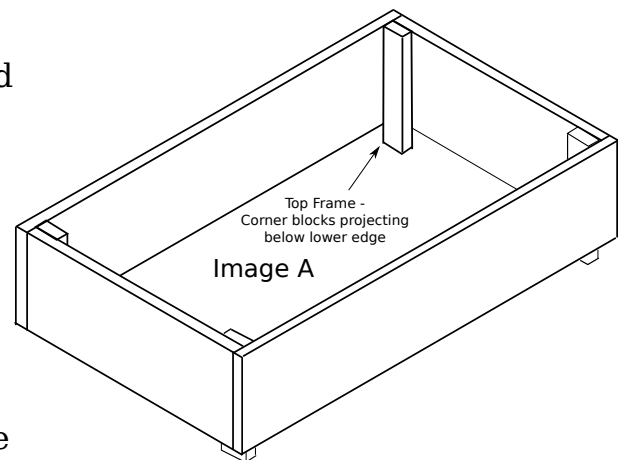
- (a) 2 off Short side panels (94 mm width) with the corner blocks affixed.
- (b) 2 off Long side panels (94mm width)
- (b) 8 off Wood screws - 4 mm diameter x 35 mm L
- (c) 8 off screw cups.

### 2 **Join together a long side panel and a short side panel**

(i) Insert the 2 screws (with a screw cup) in the holes of one end of the long side panel. Locate the pointed end of the projecting screws into the small pilot holes in the corner block on the short side panel. Screw these about halfway in to loosely connect the two panels.

(ii) Connect the second short side panel in a similar way. This will result with a long side panel with a short side panel connected at each end.

(iii) Repeat step (i) above to fix the remaining top frame long side panel. This will result in a rectangular Top Cover frame. **Image A.**



### 3 **Screw together the four sides.**

- (i) At this point all 8 screws can be tightened up. Final adjustment of the corners can be made by lightly tapping the appropriate side panel.
- (ii) A very small amount of lubricant, for example Vaseline or soap, will make the screwing in easier.

Assembly of the bottom frame is similar.

### 1 **Bottom Frame requires :**

- (a) 2 off Short side panels (144 mm width) with the corner blocks affixed.
- (b) 2 off Long side panels (144mm width)
- (b) 8 off Wood screws - 4 mm diameter x 35 mm L
- (c) 8 off screw cups.

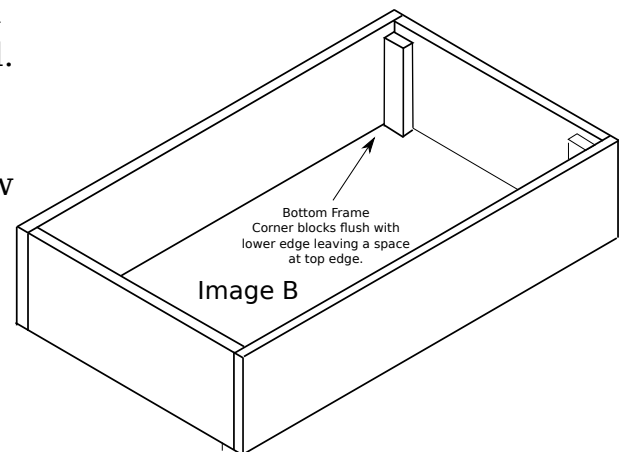
## New Milton Men's Shed – Cold Frame Assembly Instructions

### 2 Join together a long side panel and a short side panel

i) Insert the 2 screws (with a screw cup) in the holes of one end of the long side panel. Locate the pointed end of the projecting screws into the small pilot holes in the corner block on the short side panel. Screw these about halfway in to loosely connect the two panels.

(ii) Connect the second short side panel in a similar way. This will result with a long side panel with a short side panel connected at each end.

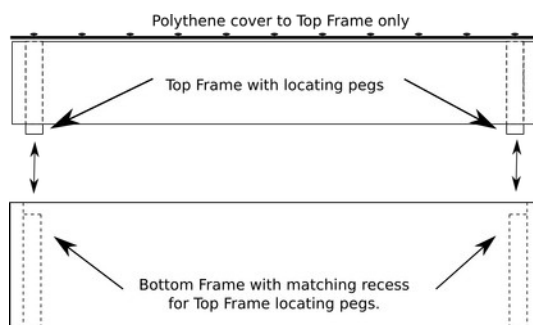
(iii) Repeat step (i) above to fix the remaining top frame long side panel. This will result in a rectangular Bottom Cover Frame. **Image B.**



### 3 Screw together the four sides.

(i) At this point all 8 screws can be tightened up. Final adjustment of the corners can be made by lightly tapping the appropriate side panel. When satisfied with the position of each corner fully tighten the screws on that corner.

(ii) A very small amount of lubricant, for example Vaseline or soap, will make the screwing in easier.



At this stage both Top and Bottom frames will be complete and the top frame locating pegs should engage with the matching recess in the bottom frame. The remaining job will be to fix the top frame polythene cover.

To secure the polythene sheet to the top edge of the Top Frame use the supplied drawing pins for this They need to be spaced about 50mm apart. (See above diagram.)

(i) Start on one long side by pinning the sheet in the approximate centre of the frame allowing about 20mm overlap on the outside edge. Gently pull the sheet to the right and put a second pin into the frame about 50mm in from the end. Repeat, but this time pull the sheet to the left. (ii) Gently pull the sheet across to the opposite long side and pin in a similar way. (iii) Secure the sheet to the 2 short sides in a similar way. Use further drawing pins as necessary.

When all 4 sides have been fastened the sheet should overlap all 4 sides by about 20mm. It should not be tightly stretched but also not sag too much.